

TREATMENT OF PERFORATED ELECTRODE BOARD FOR PLASMA CHEMICAL DEPOSITION

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Applicant(s): NEOS KK

Classification:

- international: C23C16/44; C23C4/08; C23C16/44; C23C4/08; (IPC1-7): C23C16/44; C23C4/08

- European:

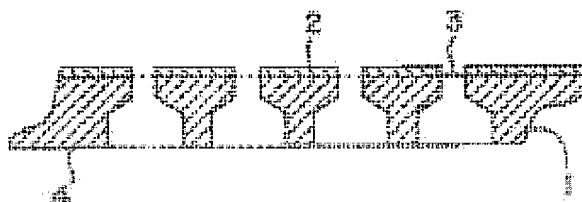
Application number: JP19980271218 19980925

Priority number(s): JP19980271218 19980925

Abstract of JP 2000096240 (A)

PROBLEM TO BE SOLVED: To prevent contamination caused by the peeling of a vapor depositing film and to prevent the obstruction of a uniform gas flow in fine pores by forming sprayed film on the surface of a perforated electrode board for plasma chemical deposition, thereafter subjecting the back face thereof to blasting treatment to restore the inside diameter of the fine pores and subsequently executing cleaning treatment.

SOLUTION: On the surface of a perforated electrode board 1 having fine pores 3, sprayed film 2 is formed. The sprayed film 2 is preferably made of copper or aluminum, and is formed preferably to a thickness of 50 to 150 μm by an arc method. Next, the back face 4 of the perforated electrode board 1 is subjected to blasting treatment to restore the pore size of the fine pores 3 clogged or reduced by the thermal spraying treatment to the original state. The blasting treatment is executed preferably in such a manner that alumina beads or glass beads having 100 to 150 μm grain size are used as a blasting material, and the discharging pressure is controlled to about 2 to 5 kg/cm^2 . After that, the perforated electrode board 1 is subjected to ultrasonic cleaning by using pure water.



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PROCESS FOR REMOVING COATINGS FROM SENSITIVE SUBSTRATES, AND BLASTING MEDIA USEFUL THEREIN

Publication number: WO9011163 (A3)

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Inventor(s): KIRSCHNER LAWRENCE [US]

Applicant(s): CHURCH & DWIGHT CO INC [US]

Classification:






- **international:** *B24C1/00; B24C11/00; C01D7/00; B24C1/00; B24C11/00; C01D7/00; (IPC1-7): B24C1/00*

- **European:** B24C1/00B; B24C11/00; C01D7/00

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Priority number(s): US19890323412 19890314

Also published as:

 WO9011163 (A2)
 ZA9001878 (A)
 PT93417 (B)
 NZ232857 (A)
 JP4504824 (T)

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Abstract of **WO 9011163 (A2)**

Blasting media for removing coatings from sensitive metal and composite surfaces, and a process useful therewith, wherein the blasting media comprise mixtures of water-soluble bicarbonate particles, e.g., sodium bicarbonate particles, with a hydrophobic silica flow/anti-caking agent

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